



Patent  
Attorney's Docket No. 001560-344

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of )  
 )  
 HIGASHIYAMA et al ) Group Art Unit: 1617  
 )  
 Application No.: 09/254,152 ) Examiner: S. Wang  
 )  
 Filed: February 26, 1999 ) Confirmation No.: 6530  
 )  
 For: PROCESS FOR PRODUCING )  
 UNSATURATED FATTY ACID- )  
 CONTAINING OILS )  
 )

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JAN 21 2003  
TECH CENTER 1623/200

AMENDMENT/REPLY TRANSMITTAL LETTER

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Enclosed is a reply for the above-identified patent application.

A Petition for Extension of Time is also enclosed.

A Terminal Disclaimer and a check for [ ] \$55.00 (2814) [ ] \$110.00 (1814) to cover the requisite Government fee are also enclosed.

Also enclosed is \_\_\_\_\_.

Small entity status is hereby claimed.

Applicant(s) request continued examination under 37 C.F.R. § 1.114 and enclose the [ ] \$375.00 (2801) [ ] \$750.00 (1801) fee due under 37 C.F.R. § 1.17(e).

Applicant(s) previously submitted \_\_\_, on \_\_\_, for which continued examination is requested.

Applicant(s) request suspension of action by the Office until at least \_\_\_, which does not exceed three months from the filing of this RCE, in accordance with 37 C.F.R. § 1.103(c). The required fee under 37 C.F.R. § 1.17(i) is enclosed.

A Request for Entry and Consideration of Submission under 37 C.F.R. § 1.129(a) (146/246) is also enclosed.

No additional claim fee is required.

[ ] An additional claim fee is required, and is calculated as shown below:

AMENDED CLAIMS					
	NO. OF CLAIMS	HIGHEST NO. OF CLAIMS PREVIOUSLY PAID FOR	EXTRA CLAIMS	RATE	ADDT'L FEE
Total Claims	22	MINUS 28 =	---	× \$18.00 (1202) =	
Independent Claims	7	MINUS 9 =	---	× \$84.00 (1201) =	
If Amendment adds multiple dependent claims, add \$280.00 (1203)					
Total Amendment Fee					
If small entity status is claimed, subtract 50% of Total Amendment Fee					
<b>TOTAL ADDITIONAL FEE DUE FOR THIS AMENDMENT</b>					

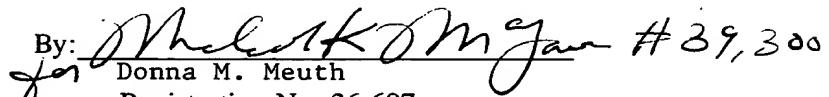
[ ] A claim fee in the amount of \$ \_\_\_\_\_ is enclosed.

[ ] Charge \$ \_\_\_\_\_ to Deposit Account No. 02-4800.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17, 1.20(d) and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

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Date: January 16, 2003

Att. 50/18  
9/8/01  
1/30/03  
Patent

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**REPLY AND AMENDMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In complete response to the Official Action dated July 16, 2002, please enter the following amendments.

**IN THE CLAIMS**

Please delete claims 19, 20, 23-29, 31 and 37-48 without prejudice or disclaimer.

Please amend claims 13, 14, 30 and 32 as follows.

D (1) 13. (Three Times Amended) An arachidonic acid-containing oil comprising a 24,25-methylenecholest-5-en-3 $\beta$ -ol compositional ratio in a proportion of 1.2 or less with respect to the desmosterol compositional ratio, and an arachidonic acid content of 30 to